INFORMATION PROCESSING TERMINAL, TRANSMISSION PRIVILEGE ROUNDING SYSTEM, TRANSMISSION PRIVILEGE ROUNDING METHOD AND TRANSMISSION PRIVILEGE ACQUIRING PROGRAM

Abstract

A plurality of information processing terminals 100 to 130 are connected to a network. Each processing terminal parameter-manages the total of the idle time units obtained through the detection of the idle time on the network. The processing terminal acquires a transmission privilege when the parameter and its own node ID agree with each other, and sends out the transmission frame inclusive of its own node ID to the network. The reception means 105 receives, from the network, the transmission frame transmitted from the other information processing terminals. The control means 103 extracts the node ID included in the transmission frame thus received and updates the parameter to the node thus extracted, and adjusts the synchronization of the parameters commonly possessed on the same network. In accordance with

such a configuration, the transmission privilege can be rounded without exchanging a token frame between specified nodes.